

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	US "20050212483"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/11 18:34
S2	837	320/128	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/11 18:35
S3	321	S2 and (lithium)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/11 20:39
S5	319	S3 and (charg\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/11 18:36
S6	264	S5 and (discharg\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/11 20:39
S7	37	S6 and (management with system)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/11 18:37
S8	5	("5903764" "6130813" "6268711" "6445464" "6498461").PN. OR ("6977482"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/11 19:06
S9	10	("5739596" "5969505").PN. OR ("6268711").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/11 19:44
S10	16	("5432429" "5767659" "5831350" "5898294" "5955869" "5973477" "5994874" "6025698" "6040685" "6060864" "6118254" "6198250" "6326767" "6377028" "6403251").PN. OR ("6518726"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/11 20:30
S11	96	S6 and ((op adj amp) or comparator)	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/11 20:31

EAST Search History

S12	16	S11 and (upper lower threshold)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/11 20:32
S13	1	S12 and (high frequency transformer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/05/11 20:40
S14	4	S12 and (transformer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/05/11 20:39
S15	492	320/135	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/05/11 20:39
S16	188	S15 and (lithium)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/11 20:39
S17	173	S16 and (discharg\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/11 20:39
S18	15	S17 and (transformer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/05/11 21:15
S19	0	S18 and (high frequency transformer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/05/11 20:40
S20	0	S18 and (high frequency transformer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2006/05/11 20:40
S21	6	S18 and (high frequency transformer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/11 20:40

EAST Search History

S22	1166	S2 or S15	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/05/11 21:15
S23	248	S22 and (lithium and (charg\$3 and discharg\$3) with (management or control\$3 or system))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/05/11 21:17
S24	5	S23 and (upper and lower with voltage with threshold)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/05/11 21:19
S25	107	S23 and (voltage with threshold)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/05/11 21:20
S26	61	S25 and (op\$1amp or comparator)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/05/11 21:20
S27	46	S26 and (transformer rectifier or diode)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/11 21:30
S28	3	S27 and (PWM with switch\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/11 21:22
S29	0	S27 and ((upper voltage threshold) and (lower voltage threshold))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/05/11 21:32
S30	1	S26 and ((upper voltage threshold) and (lower voltage threshold))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/05/11 21:33
S31	1	S25 and ((upper voltage threshold) and (lower voltage threshold))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/05/11 21:33

EAST Search History

S32	1	S23 and ((upper voltage threshold) and (lower voltage threshold))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/05/11 21:33
S33	2	S22 and ((upper voltage threshold) and (lower voltage threshold))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/05/11 21:33
S34	22	(US-20040263123-\$ or US-20040222768-\$ or US-20040145348-\$ or US-20020000788-\$).did. or (US-7020519-\$ or US-6977482-\$ or US-7009363-\$ or US-6983212-\$ or US-6879134-\$ or US-5739596-\$ or US-6586911-\$ or US-6518726-\$ or US-6060864-\$ or US-5898294-\$ or US-6268711-\$ or US-6809499-\$ or US-6043629-\$ or US-6005371-\$ or US-5818203-\$ or US-6137267-\$ or US-5998968-\$ or US-6914416-\$). did.	US-PGPUB; USPAT	AND	ON	2006/05/12 12:00
S35	10	S34 and (frequency or PWM)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/11 21:38
S36	6	S34 and (high near frequency or PWM)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/11 21:35
S37	3	S36 and (transformer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/11 21:39
S38	10	S35 and voltage	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/11 21:38
S39	10	S38 and (frequency or PWM)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/11 21:38

EAST Search History

S40	8	S39 and (voltage with threshold)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/11 21:39
S41	4	S40 and (transformer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/11 21:39
S42	837	320/128	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/12 12:00
S43	492	320/135	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/05/12 12:00
S44	1166	S42 or S43	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/05/12 12:00
S46	455	S44 and (lithium)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/12 12:01
S47	385	S46 and (charg\$3 and discharg\$3)	US-PGPUB; USPAT	AND	ON	2006/05/12 12:02
S48	17	S47 and (power management system)	US-PGPUB; USPAT	NEAR	ON	2006/05/12 12:02
S49	7	S48 and (voltage with (op\$1amp or comparator))	US-PGPUB; USPAT	NEAR	ON	2006/05/12 12:08
S50	161	S44 and (battery charg\$3 and discharg\$3 control\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/05/12 12:09
S51	80	S50 and lithium	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/05/12 12:10

EAST Search History

S52	19	S51 and ((opamp or op amp or op-amp) or voltage comparator)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/05/12 16:06
S53	0	"10364228".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/05/12 16:07
S54	7	"10364228"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/05/12 18:21
S55	25294	"363"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/05/12 18:22
S56	200	S55 and (converter same battery charger)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/05/12 18:31
S57	11	S56 and (lithium)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/05/12 18:31
S58	0	S57 and (voltage near comparator)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/05/12 18:32
S59	5	S57 and (voltage with comparator)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/05/12 18:30
S60	7	S57 and (threshold)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/05/12 18:32
S61	5	S59 and (threshold)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/05/12 18:30

EAST Search History

S62	1734	(converter same battery charger)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/05/12 18:31
S63	283	S62 and (lithium)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/05/12 18:31
S64	23	S63 and (voltage near comparator)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/05/12 18:53
S65	10	S64 and (threshold)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/05/12 18:32
S66	739	(battery charger lithium)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2006/05/12 18:53
S67	9	S66 and (switched mode power supply)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2006/05/12 18:58
S68	5	S67 and (voltage same threshold or comparator)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2006/05/12 18:54
S69	773	S55 and (switched mode power supply)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2006/05/12 18:59
S70	4	S69 and (lithium)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2006/05/12 18:58
S71	50	S69 and (battery adj charger)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2006/05/12 19:00

EAST Search History

S72	44	S71 and (transformer rectifier or diode switch pwm)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/12 19:02
S73	4	S72 and (upper lower voltage threshold)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/12 19:01
S74	15	S72 and (voltage with comparator)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/12 19:08
S75	1	S74 and (lithium)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/12 19:09
S76	3	S74 and (rechargeable near battery)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/12 19:09